



MEMORANDUM

DATE: December 2, 2014
TO: George Kathios
FROM: David Press, David Peterson
CC: Dana Lee, Eliot Town Manager
SUBJECT: Kittery Infrastructure Improvements & Sewer Extension Projects
Progress Report for the period 10/27/14 through 11/23/2014
KLF Projects: 20140119, 20140175

This Memorandum serves as a status report of work completed in November and work anticipated to be completed in December for the Kittery Infrastructure Improvements Project and the Sewer Extension Project. We suggest you share it with the Town Manager, Town Council, and others.

GENERAL UPDATES

- The Contractor completed rerouting the sewer services from the lighthouse manhole to the new manhole installed in the Church Street sewer and completed the lining of the Church St sewer.
- The Contractor has scheduled installation of replacement pumps at Pump Station 7 for February 2015 contingent upon the delivery schedule of the pumps from the manufacturer.
- The sewer extensions design will be completed in December. The bid opening date is currently planned for December 30, 2014 and is contingent upon final approval by DEP.

ACTIONS REQUIRED BY THE TOWN

We need direction on the following issues:

1. Betterments:
 - a. Will only properties that directly abut the sewer be required to pay a betterment? Our understanding of Town Code is that properties that don't pay an initial betterment, but connect at a later date, will only be required to pay a relatively small fee when they connect. Is that correct, or will they be required to pay an assessment calculated using the same formula used to assess betterments when the project is constructed?
2. MTA will be selling the Manson Road pump station site to the Town. The lot is undersized based on zoning. Is this a problem from a zoning perspective? MTA says it should not be a problem. The project funding approved by Referendum included funds for land acquisition. Also, will Council action be required to purchase the site?

WASTEWATER INFRASTRUCTURE IMPROVEMENTS CONSTRUCTION SERVICES

Note that there are two subprojects under this improvement project: 1) upgrades to two of the Town's 21 pump stations - **Pump Station Nos. 6 and 8, and 2)** upgrades to the wastewater treatment facility and to the Town's other 19 pumping stations.

The following work was completed during the period ending November 26, 2014:

- A. Pump Station 6 & 8 Construction
- Kleinfelder and the Contractor processed a Certificate of Substantial Completion for Pump Stations 6 and 8. The Town is currently processing the Certificate. Minor punch list items and installation of the replacement pumps at Pump Station 7 remain to be completed (the Contractor has scheduled installation of the new Pump Station 7 pumps for February 2015 once they are delivered).
- B. Water Pollution Control Facility and Pump Station Construction
- Received, reviewed, and returned to the Contractor submittals and resubmittals for Contractor's dewatering plan, water stop details, pre-pipe lining report and video inspection recording for the Church Street sewer, design calculations for the Church Street Sewer liner, concrete mix design, grit pump resubmittals, grit separation equipment, septage receiving equipment, garage building, and instrumentation.
 - Kleinfelder's field representative was present at the Church Street sewer and WPCF sites while the contractor was on site.
 - Reviewed the Contractor's request for information (RFI) no. 2 regarding the main circuit breaker at the motor control center
 - Reviewed the Contractor's RFI no. 3 regarding the number of wires required for the new generator and transfer switch
 - Reviewed proposed change order (PCO) no. 1 for additional coating for the pumps and piping at the equalization basin
 - Reviewed PCO no. 2 for paving at PS 6 in lieu of having this paving done by the Pump Station 6 & 8 contractor under the Pump Station 6 and 8 contract.
 - Met with the Contractor at the WPCF to review his proposed methods for constructing the cast-in-place concrete septage receiving structures.

During December 2014, the following activities are anticipated:

- A. Pump Stations 6 & 8 Construction
- Issuing the contractor a fully executed Certificate of Substantial Completion for Pump Station 6 and 8.
- B. Water Pollution Control Facility and Pump Station Construction
- Review of additional shop drawing submittals

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- Continuation of construction at the WPCF.
- Continuation of Kleinfelder's resident representative observation at the WPCF site
- Submission of an SRF reimbursement package to Maine DEP.

SEWER EXTENSIONS PROJECT

The following work was completed during the period ending November 23, 2014:

- **Easement Acquisitions** – At this time, all easements from private property Owners have been signed and filed at the Registry of Deeds. These include easements from Mary Dennett, David Gerasin and Daniel O. Seaward.
- **Maine DOT & Turnpike Authority** – While Maine DOT already issued a permit to the Town to construct and operate a wastewater pump station on their land at the end of Manson Road, once their land is sold to the MTA, the Town of Kittery will need to purchase the land that pump station will reside on from the MTA. The MTA wants this transaction to happen concurrently with the sale of the Maine DOT land (projected to occur in January). The Town is currently assessing the property value of land at the end of Manson Road. The MTA requested this assessment from the Town in time for the MTA's December Board Meeting.
- **Final Design Progress Updates**
 - Comments from CMP (if any) are pending and are not anticipated to be received prior to advertisement of the bid.
 - The gas utility, Unutil, reviewed the plans and had no comments.
 - Comments from DEP were received and will be incorporated into the final bid drawings and specifications.
 - The bid set (drawings and specifications) will be final in early December and be distributed to potential bidders.
- **Permitting**
 - Wetland permits from the Army Corps of Engineers and the MEDEP NRPA were obtained last month. The general permit requirements were added to the bid specifications as Appendix C.
 - The project was approved by the Kittery Planning Board during their November 13, 2014 meeting.
 - MaineDOT issued a Location Permit to Kittery on October 8, 2014 to construct and operate the pump station on Manson Road which is currently MaineDOT property. The permit requires the Town and MTA to agree to transfer the pump station property to the Town after, or concurrent with, the time that this land is transferred from MaineDOT to the MTA.

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- MaineDOT issued a Location Permit to Kittery to construct a sewer below I-95. However, the permit included a provision requiring review and approval by the MTA. An Application for Interest was submitted to the MTA for its review on October 13.

During December 2014, the following activities are anticipated:

- Finalize the bid set and distribute to potential bidders.
- Prepare an addendum, as required. Note, that bidding is covered under the construction phase services contract and not the design contract.
- Town will provide an assessment of the land value at the Manson Road pumping station for the MTA to consider at their December Board Meeting.
- The mandated 30-day public review period is set to expire on December 4, 2014. The Town should send any comments received to Kleinfelder.